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13 Rec'd PCT/PTO 25 OCT 2001

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **01 USN 152**
First Inventor **McLOUGHLIN, S.J.**
Title **Apparatus & Method for Transmitting Information to a Communicator with...**
Express Mail Label No. **EL 821972 595 US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☐ **INFORMAL** Drawing(s) (35 U.S.C. 113) [Total Sheets]
- Oath or Declaration [Total Pages]
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: **Statement of Material Entry with Substitute pages**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

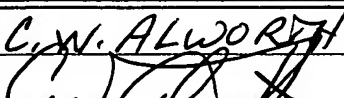
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  or ☐ Correspondence address below

Name **27645**
PATENT TRADEMARK OFFICE
Address
City _____ State _____ Zip Code _____
Country _____ Telephone _____ Fax _____

Name (Print/Type) **C. W. ALWORTH** Registration No. (Attorney/Agent) **33,824**
Signature  Date **25 Oct 2001**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Our Case Docket No.: 01 USN 152

10/009700
Rec'd PCT/PTO 25 OCT 2001
Date: October 25, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Utility Patent Application Charge Sheet
National Application under 35 U.S.C. § 371

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for Entering the National Stage in the United States under Article 39(1)(a) of the Paris Convention and under 35 U.S.C. § 371 is the National Stage Entry Application of inventor(s):

Stephen John McLoughlin

For "Apparatus and Method for Transmitting Information to and Communicating with a Downhole Tool";

Enclosed are also:-

- X PCT International Specification PCT/GIB00/01629 (with drawings and search report) designating the United States
- X Entry to United States National Stage and substitute pages (amendment of PCT claims)
- X PCT Request
- X PCT Demand
- X PCT/EPC Written Opinion
- X Declaration and Power of Attorney
- X Self-addressed stamped postcard receipt.
- X Certificate of Express Mailing

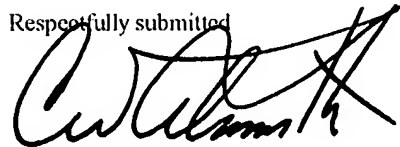
FILING FEE

Claims as Filed For	Number Filed	Less	Number Extra	Small Rate	Entity FEE	O R	Other Small Rate	than Entity FEE
Basic Fee Under 37 CFR 1.492(a)(5)	20				\$455			\$890
Total Claims	20	- 20	8	\$9	\$0		\$18	\$0
Independent Claims	3	- 3	0	\$42	\$0		\$84	\$0
Multiple Dependent Claims	no							
TOTAL FEES CLAIMS					\$455			\$890

OTHER FEES - none

- X Firm's check Number 002883 in the amount \$455.00 is enclosed.

Respectfully submitted



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ATTORNEYS FOR APPLICANT

Docket Number 01 USN 152
 Client - Marks & Clerk

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

UNDER 35 U.S.C. § 371

Applicant:	McLoughlin, Stephen John	Date:	October 25, 2001
Serial Number:	To Be Assigned	Examiner:	
Filing Date:	October 25, 2001	Art Unit:	
Title:	Apparatus and Method for Transmitting Information to and Communicating with a Downhole Tool		

CERTIFICATE OF EXPRESS MAILING

Pursuant to Rule 1.10, I, the undersigned Attorney for the Applicant, do hereby certify and declare, subject to penalty of perjury, that the foregoing National Entry under 35 U.S.C. Section 371 in the above-noted patent application was properly mailed, with proper postage prepaid, to the U.S. Patent and Trademark Office on the 25th day of October, 2001, by Express Mail, Receipt Number EL 821972595 US. Pursuant to the same rule, the Commissioner is hereby respectfully requested to assign the filing date as the date of Express Mailing, namely October 25, 2001.



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Docket No: 01 USN 152
Client: Marks & Clerk

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION
UNDER 35 U.S.C. § 371

Applicant: McLoughlin, Stephen John Date: October 25, 2001
Serial Number: To Be Assigned Examiner:
Filing Date: October 26, 2001 Art Unit:
Title: Apparatus and Method for Transmitting Information to and
Communicating with a Downhole Tool

Statement of National Filing and Substitution of certain PCT Pages

Assistant Commissioner for Patents
The United States Patent and Trademark Office
Washington DC 20231

Dear Sir:

Enclosed, under the Rules of the Office, under 35 U.S.C. § 371, and under the Patent Cooperation Treaty, are the necessary documents for entry into the United States National Stage of a PCT Application.

These documents are:

- 1) A complete copy of the International Application PCT/GB96/00813 including
 - a) PCT Request,
 - b) PCT Demand,
 - c) PCT International Publication with Search Report,
 - d) PCT/EPC written opinion,
 - e) New amended pages 16 to 18 (replacing pages 16 to 19 in the original PCT application),
- 2) Firm's check in the amount of \$445.00 (small entity),
- 3) Declaration and Power of Attorney.

Inventor McLoughlin is a citizen of the United Kingdom. His address is The

Homestead, North Duffield, Near Selby, Yorkshire, United Kingdom.

The base PCT Application PCT/GB00/01629 designated the United States, was filed on 27 April 2000, and was published on 2 November 2000 as WO/0065198. The application claims priority from the following applications:

United States of America	27 April 1999	60/131208
United Kingdom	9 November 1999	9926545.6

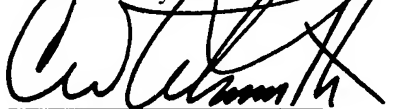
The original PCT application claim structure uses a series of multiple dependent claims, most of which are improper under the Rules of the United States Patent and Trademark Office. Additionally an improper omnibus claim also appears in the PCT claim structure.

Please accept new amended pages 16 to 18, which correct the improper claims in the PCT application to meet the requirements of the Rules of the United States Patent and Trademark Office. These pages REPLACE pages 16 to 19 in the original PCT application. The amended pages containing amended claims **DO NOT** add new matter.

The applicant qualifies as a Small Entity and therefore may pay reduced fees.

It is therefore believed that the correct filing fees have been submitted herewith and that the PCT Application is in proper condition for receiving a filing date under Entry into the National Stage under 35 U.S.C. Section 371 and 37 C.F.R. 1.495.

Respectfully Submitted



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